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海南岛虻属二新种

（双翅目:虻科）

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本文记述了海南岛虻属（*Tabanus*）二新种，翅均具明显的斑纹，该类群的虻在我国属罕见。模式标本均保存在中国科学院动物研究所。

壮虻 *Tabanus omnirobustus* 新种(图1，3A)

雌虫体长22—24毫米。头部：复眼裸，无带。前额棕黑色，具黑毛，颇窄，基部窄于端部，基部宽度约为高度的10倍。基胛卵圆形，黑色，两侧与眼分离，上端延线超过前额高度的1/2。亚胛高、棕色，颜与颊黄色。触角黑色，柄节与梗节密覆黑毛，鞭节窄长，背缘具钝突。下颚须第2节较窄长，黑色，密覆同色毛。口毛金黄色。胸部：盾片棕色、密覆黑色毛，仅后缘呈黄色。小盾片黄色。侧板及腹板黄色，具浓密的金黄色毛。足黑色，具同色毛，仅前足胫节基部1/2白色，中、后足胫节基部2/3白色。翅透明，亚端部具烟色横

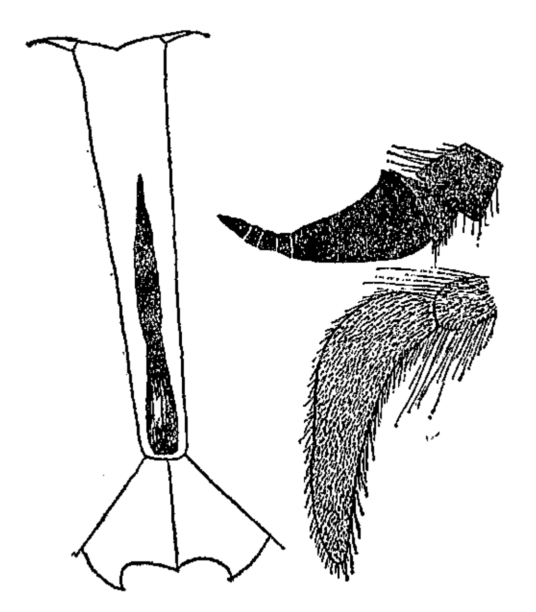


图1 壮虻 *Tabanus omnirobustus* sp. nov.

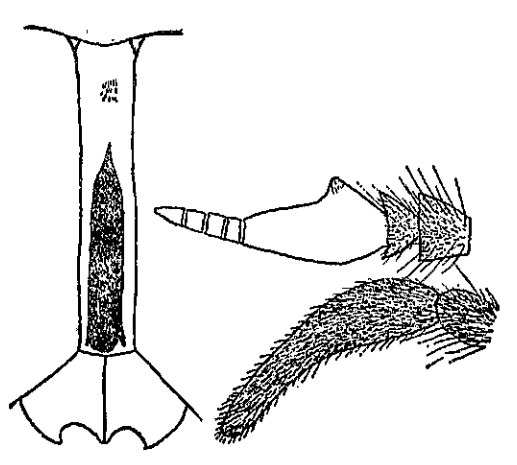


图2 柱胛虻 *Tabanus cylindrocallus* sp. nov.

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带斑，R_4 脉无附脉。平衡棒棕色。腹部：背板第1节黄色，其余各节均为黑色，第2—5节中后缘具不明显的小白斑。腹部腹板第1节黄色，第2节黑色，两侧具小黄斑，其余各节黑色，第2—6节每节后缘具白色横带。

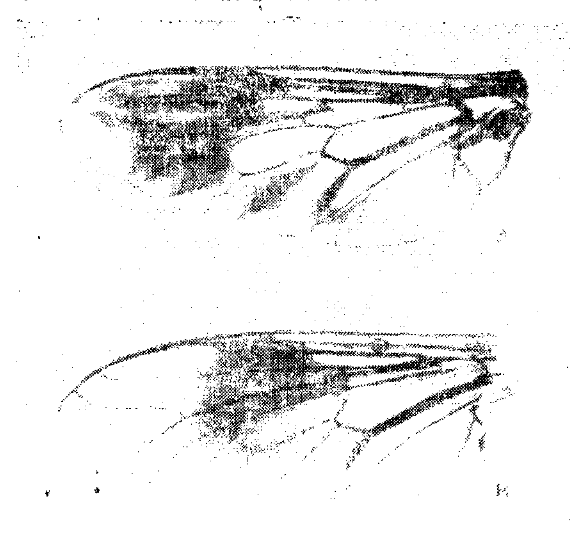


图3 虻属翅：A. 壮虻 *Tabanus omnirobustus* sp. nov. B. 柱胛虻 *Tabanus cylindrocallus* sp. nov.

雄虫 未详。

正模♀，海南省尖峰岭，1982. IX. 21，梁承丰采。副模1♀同正模。

本种近似于 *Tabanus abbasalis* Philip，但前者盾片小，侧板黄色，平衡棒棕色，腹部背板II—VI节黑色可与后者相区别。

2. 柱胛虻 *Tabanus cylindrocallus* 新种（图2，3B）

雌虫体长15—17毫米，黑色种。头部：复眼无带，前额棕色，两侧略平行，基部宽度约为高度的5—6倍，具黑毛。基胛棕色，柱形，两侧与眼分离。亚胛向外突起明显，呈棕色。颜与颊棕色，具黑毛。触角柄节与梗节黄棕色，具黑毛，鞭节橙色，背缘具明显的钝突。下颚须棕黑色，狭窄具黑毛。口毛棕黑色。胸部：盾片及小盾片黑色。胸侧板及腹板亦呈黑色，具黑毛。足黑色具同色毛。翅透明，具棕色横带斑，但不达到翅后缘，R_4 脉无附脉。平衡棒棕色。腹部：背板黑色，无任何纹饰。腹板黑色，第2—6节后缘具明显的黄色带。

雄虫 体长16毫米。头部明显大于胸部。复眼上半部2/3小眼面浅棕色，大于下半部1/3黑色小眼面。亚胛、颊均为棕色。触角柄节及梗节棕色，鞭节黄色，比雌虫窄长。下颚须棕色，长卵形。胸部的背板及腹部背板均为棕色，并有弱光泽。腹板棕色，第2—6节后缘具黄色带。翅、足以及平衡棒均同雌虫。

正模♀，海南省尖峰岭，1981. V. 11，采集者陈芝卿。配模1♂及副模1♀采集地同正模。

本种属 Schuurmans Stekhoven 分类系统第XXIV群，但本种腹部黑色而与该类群其他种相区别。

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TWO NEW SPECIES OF *TABANUS* FROM HAINAN ISLAND, CHINA (DIPTERA: TABANIDAE)

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The present paper reports two new species of *Tabanus* from Hainan Island. Both belong to the group with wings distinctly infuscate or with crossband, which is rare in China. Types are deposited in the Institute of Zoology, Academia Sinica.

***Tabanus omnirobustus* sp. nov.** (figs. 1, 3A)

Female. Length 22—24 mm. Eye bare, unbanded. Frons brownblack, index about 1:10, widened above. Basal callus ovalshaped, black, not reaching the eye margins, the black linear extention more than 1/2 as hight. Subcallus high brown. Antenna brown, flagellum narrow long dorsal angle distinct. Palpus II long and slender black with concolorous hairs. Brard golden yellow. Scutum brown covered with rather black hairs only hind margin yellow. Scutellum yellow. Pleura and sternum yellow, densely covered with golden hairs. Legs black, tibiae white basally and white-haired. Wing with smoky-crossband on subapical, vein R_4 no spur vein. Halteres brown. Tergite I yellow, following tergites black, tergites II-IV with indistinct small white spots medianly. Sternite I yellow, following sternites black but sternite II with small yellow spots laterally sternites II-VI with white posterior magins.

Male. Unknown.

Holotype ♀, Hainan Province (Janfun top). September 21, 1982. Liang Cheng-feng. Paratype 1♀, same as holotype.

This new species is similar to *Tabanus abbasalis* Philip from which it differs in having the tergites II-VI black, scutum and pleura yellow. Halteres brown.

***Tabanus cylindrocallus* sp. nov.** (figs. 2, 3B)

Famale length 15—17 mm, black species. Eye bare unbanded. Frons brown, nearly parallel sided, index about 1:5—6. Basal callus brown, not reaching eye margins. Subcallus prominent, brown, scape and pedicel yellow-brown with black hairs, flagellum orage, dosal proces distinct. Palpus brown-black, with black hairs. Beard brown-black. Scutellum, scutum, pleura and sternum black. Legs black. Wing with smoky-brown crossband but not reaching hind margin, vien R_4 without spur vein. Halteres brown. Tergites black, sternites black, Ster nites II-VI with yellow bands bordering posterior margin.

Male length 16 mm. Head distinctly wider than thorax. Facets upper 2/3 of eyes larger than lower facets. Subcallus, cheek browned. Antenna yellow and narrow than female. Palpus oval-shaped, brown. Scutellum and tergites brown, sternites II-VI with yellow posterior magins. Wing, legs and halteres as same famale.

Holotype ♀, Hainan Province (Janfun top), May 11. 1981. Allotype 1♂, and paratype 1♀, same as holotype. This new species belongs to group XXIV of Schuurmans Stekhoven (1926) but distinguished from the latter by the abdomen black.